Datasheet for ABIN7601140

anti-FKBP10 antibody (AA 29-532)

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Overview

Quantity:	100 µg
Target:	FKBP10
Binding Specificity:	AA 29-532
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FKBP10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-FKBP10 Antibody Picoband®
Immunogen:	E.coli-derived human FKBP10 recombinant protein (Position: R29-E532).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-FKBP10 Antibody Picoband® (ABIN7601140). Tested in ELISA, Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	FKBP10
Alternative Name:	FKBP10 (FKBP10 Products)
Background:	Synonyms: Histone deacetylase 10, HD10, HDAC10 Tissue Specificity: Ubiquitous. High expression in liver, spleen, pancreas and kidney. Background: FK506-binding protein 10 is a protein that in humans is encoded by the FKBP10 gene. The protein encoded by this gene belongs to the FKBP-type peptidyl-prolyl cis/trans isomerase (PPIase) family. This protein localizes to the endoplasmic reticulum and acts as a molecular chaperone. Alternatively spliced variants encoding different isoforms have been reported, but their biological validity has not been determined.
Molecular Weight:	72 kDa
Gene ID:	60681
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Alanay, Y., Avaygan, H., Camacho, N., Utine, G. E., Boduroglu, K., Aktas, D., Alikasifoglu, M., Tuncbilek, E., Orhan, D., Bakar, F. T., Zabel, B., Superti-Furga, A., and 12 others. Mutations in the gene encoding the RER protein FKBP65 cause autosomal-recessive osteogenesis imperfecta. Am. J. Hum. Genet. 86: 551-559, 2010. Note: Erratum: Am. J. Hum. Genet. 87: 572-573, 2010. 2. Alanay, Y., Krakow, D. Response to Shaheen et al. (Letter) Am. J. Hum. Genet. 87: 308 only, 2010. 3. Bank, R. A., Robins, S. P., Wijmenga, C., Breslau-Siderius, L. J., Bardoel, A. F. J., Van der Sluijs, H. A., Pruijs, H. E. H., TeKoppele, J. M. Defective collagen crosslinking in bone, but not in ligament or cartilage, in Bruck syndrome: indications for a bone-specific telopeptide lysyl hydroxylase on chromosome 17. Proc. Nat. Acad. Sci. 96: 1054-1058, 1999.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.